Kandon Un viubles ave un lenours that take on Real Values. X for instance is binomin (a sum of int, weighter coin flips, where heads=1 tails=0) $P(X=k) = \binom{n}{k} P^{k} (1-P)^{n-k}$ fun ctions of random variables are randon variables. $Y = (X - E(x))^2$ $\int E(y) = Se(x)$

Expected Value average, represents weightez central $E(x) = \sum_{i=1}^{n} P(x=k) \cdot k$ l'avernge - equally likely outlones h pytrones P(X=R)=1 $E(x)=\int_{R} \sum_{k} k$ 12 DRAW) [3] [3] [3]

Standard error

$$\int E((X - E(x))^{2})$$

$$\int (X - E(x))^{2}$$

$$\int (1 - 2.75)^{2}$$

$$\int (1 - 2.75)^{2}$$